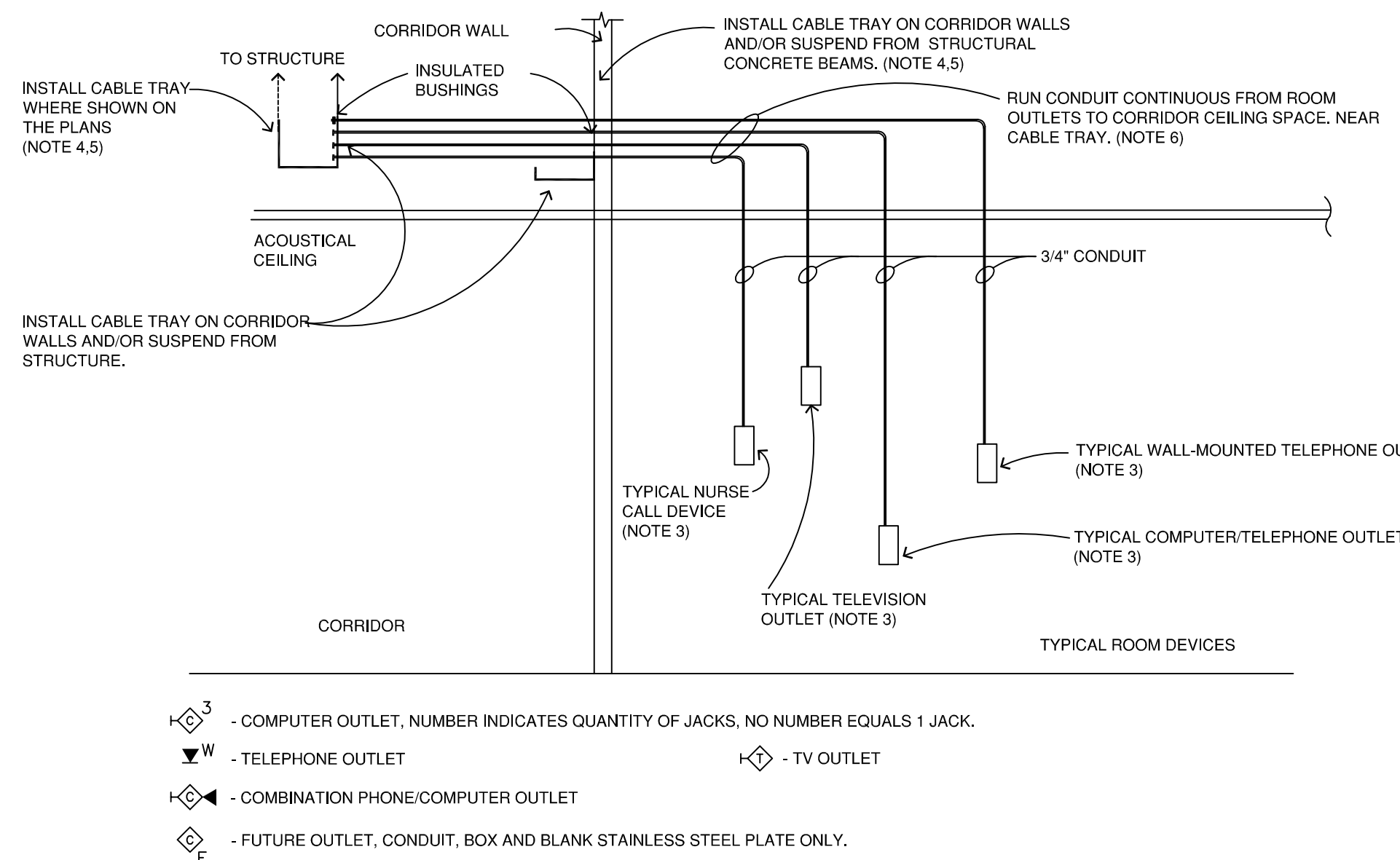
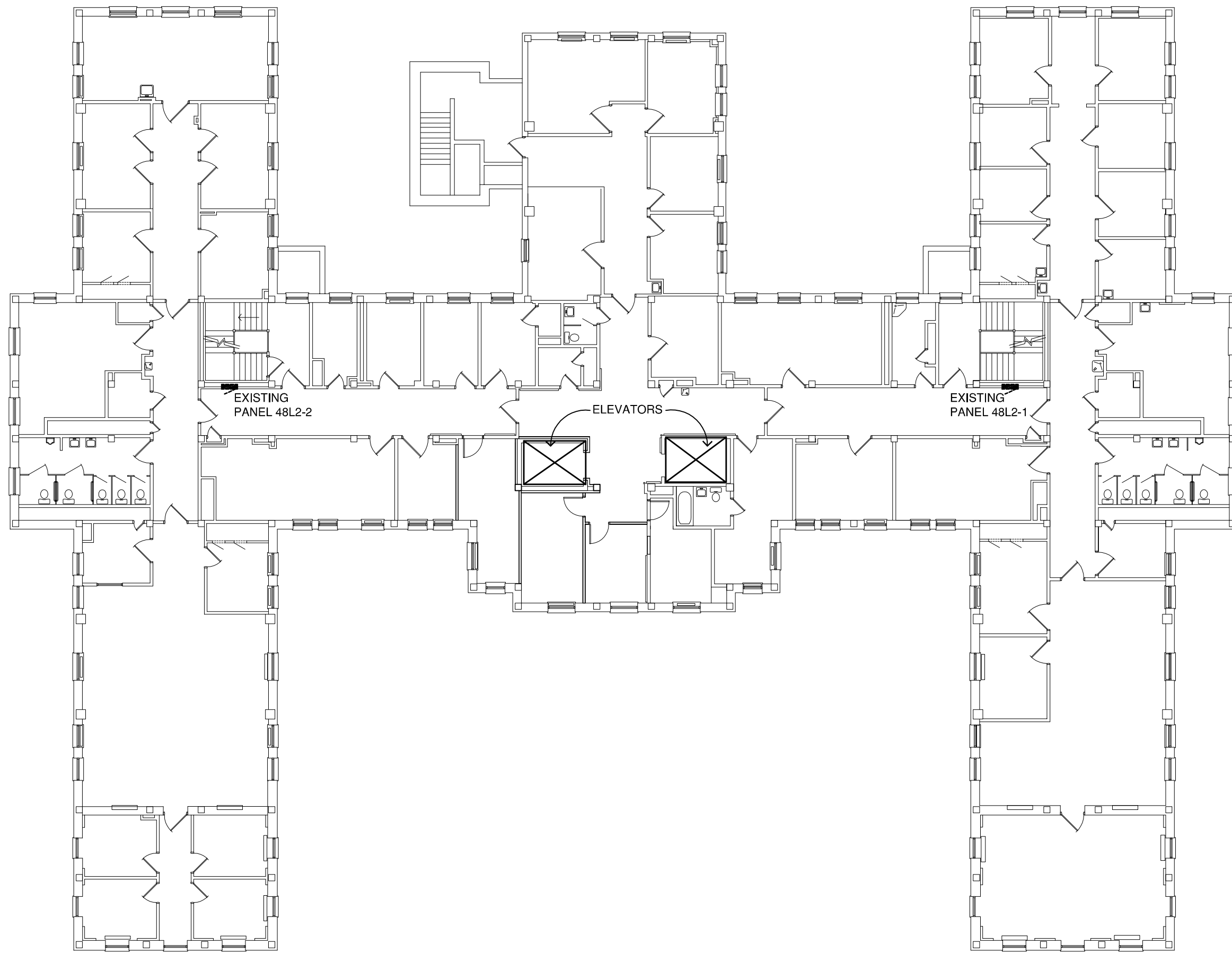
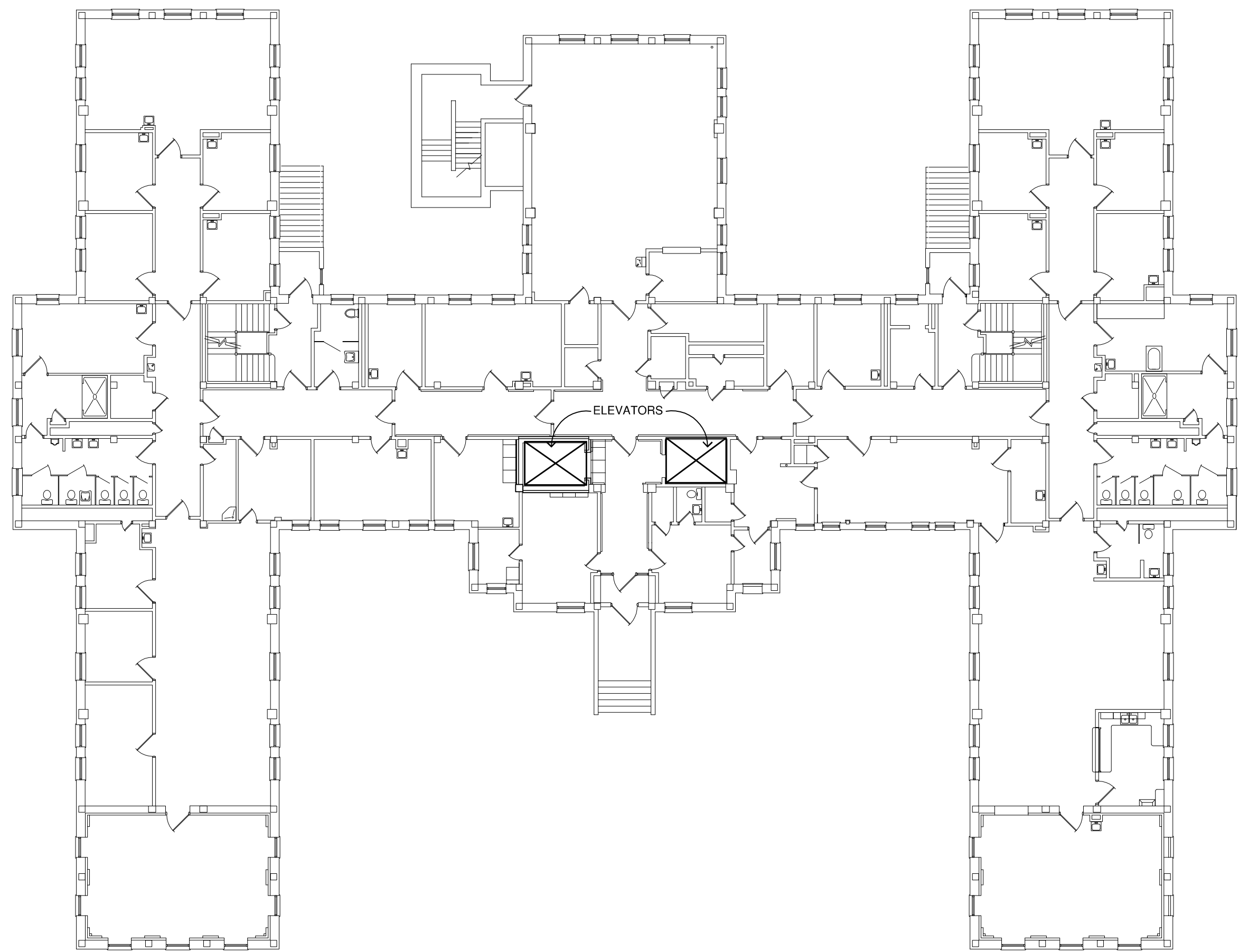
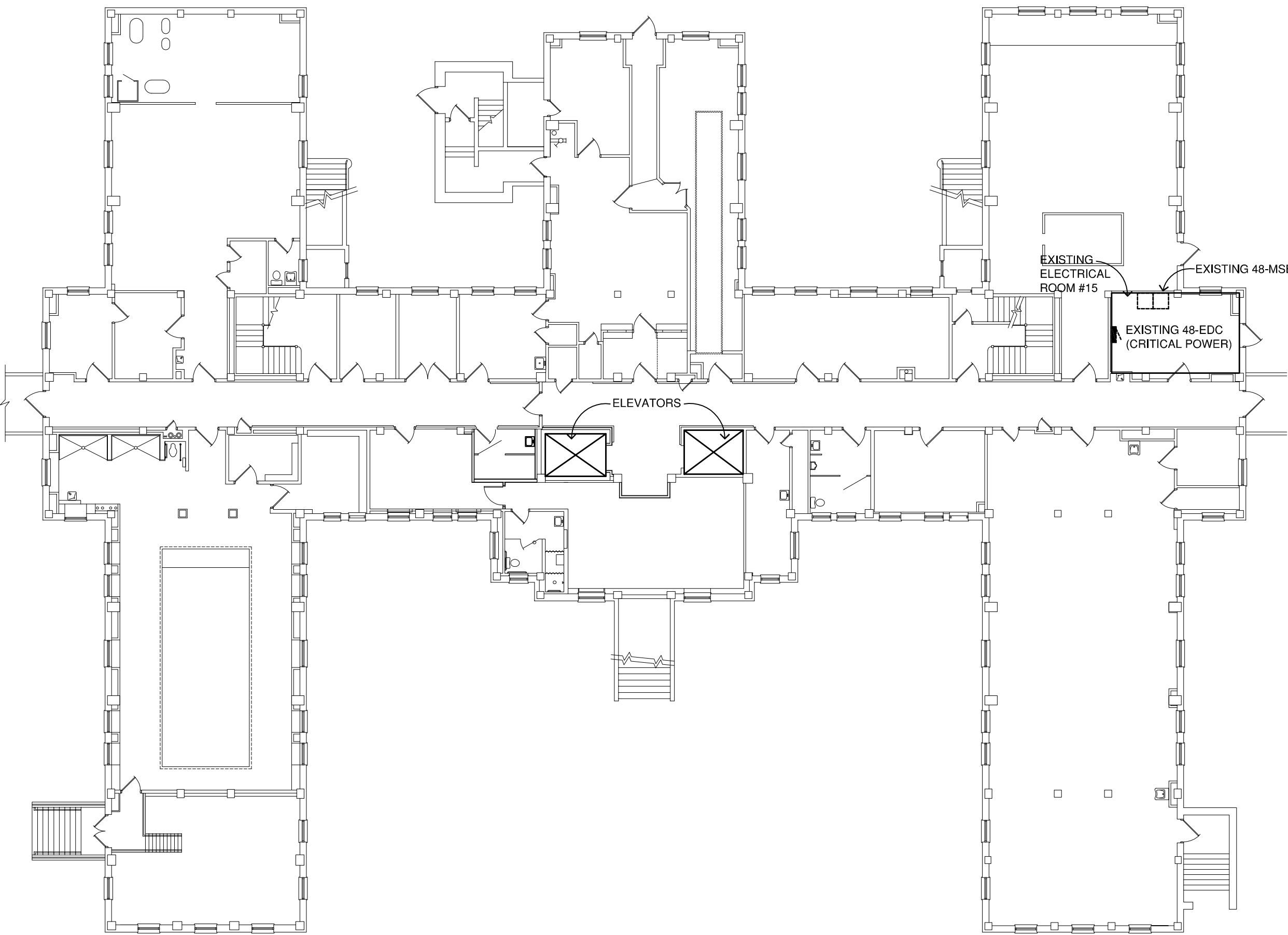


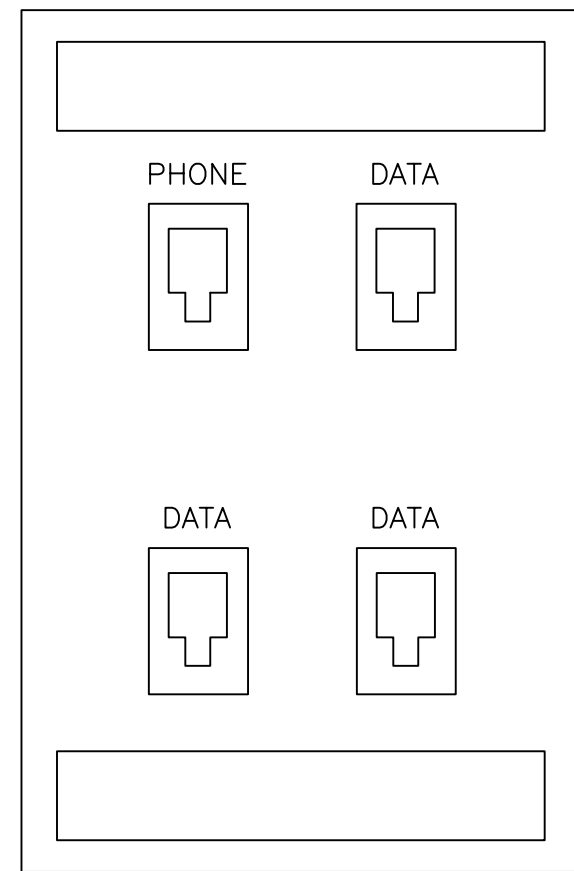
PANELBOARD LOAD SCHEDULE																															
AMPERE RATING				225				MAIN KANO: 22				SERVED FROM: 48-MDP				100% NEUTRAL				PANEL NAME: 48LB3											
VOLTS (L-L, L-N)				208/120				4 WIRE				3 PHASE				RECESSED				MOUNTED				3 P-S-N				MAIN TYPE: LUGS			
LOAD IN VOLT-AMPERES										LOAD IN VOLT-AMPERES																					
CKT	CKT BKR TRIP	P	LIGHTING	REC.	KITCHEN EQUIPMENT	MISC.	MOTOR LOAD	A/C OR HEATING	REMARKS	CKT	CKT BKR TRIP	P	LIGHTING	REC.	KITCHEN EQUIPMENT	MISC.	MOTOR LOAD	A/C OR HEATING	REMARKS	CKT	CKT BKR TRIP	P	LIGHTING	REC.	KITCHEN EQUIPMENT	MISC.	MOTOR LOAD	A/C OR HEATING	REMARKS	CKT	
1	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	2	-	-	-	-	-	-	-	2
3	20	1	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	4	-	-	-	-	-	-	-	4
5	20	1	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	6	-	-	-	-	-	-	-	6
7	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	8	-	-	-	-	-	-	-	8
9	20	1	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	10	-	-	-	-	-	-	-	10
11	20	1	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	12	-	-	-	-	-	-	-	12
13	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	14	-	-	-	-	-	-	-	14
15	20	1	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	16	-	-	-	-	-	-	-	16
17	20	1	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	18	-	-	-	-	-	-	-	18
19	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	20	-	-	-	-	-	-	-	20
21	20	1	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	22	-	-	-	-	-	-	-	22
23	20	1	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	24	-	-	-	-	-	-	-	24
25	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	26	-	-	-	-	-	-	-	26
27	20	1	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	28	-	-	-	-	-	-	-	28
29	20	1	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	30	-	-	-	-	-	-	-	30
31	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	32	-	-	-	-	-	-	-	32
33	20	1	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	34	-	-	-	-	-	-	-	34
35	20	1	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	36	-	-	-	-	-	-	-	36
37	20	1	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	20	1	38	-	-	-	-	-	-	-	38
39	40	-	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	20	1	40	-	-	-	-	-	-	-	40
41	2	-	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	-	20	1	42	-	-	-	-	-	-	-	42
TOTAL										TOTAL																					
CALCULATIONS										REMARKS:																					
CATEGORY		CONNECTED LOAD (KVA)		DEMAND FACTOR (NEC ART. 220)		DEMAND LOAD (KVA)		1. EXTEND EXISTING CIRCUITS FROM EXISTING PANELS 48LB3 AND 48LB4 AS NOTED IN PLANS. VERIFY BREAKER REQUIREMENTS. PROVIDE UPDATED PANEL DIRECTORY.																							
LIGHTING		-		1.0		-																									
RECEPTACLES		-		0.5		-																									
KITCHEN EQUIP.		-		0.65		-																									
MOTOR LOAD		-		1.0		-																									
MISC.		-		0.65		-																									
A/C OR HEAT		-		1.0		-																									
TOTAL		-		X		X																									



- NOTES:
1. INSTALL CABLING, TERMINATIONS, JACKS, DEVICES, AND PLATES.
  2. INSTALL BLANK STAINLESS STEEL PLATES ON ALL OUTLETS NOTED AS FUTURE.
  3. UTILIZE 2 1/8" DEEP, 4 INCH SQUARE BOXES WITH A SINGLE GANG MUD RING. REFERENCE SPECIFICATION SECTION 260533.
  4. THE CABLE TRAY IS TO BE INSTALLED AFTER DUCTWORK AND PIPING INSTALLATION BY DIVISION 21/22/23 IS COMPLETE. COORDINATE MOUNTING LOCATIONS OF CABLE TRAY WITH DIVISION 21/22/23.
  5. CABLE TRAY WILL BE USED FOR DATA WIRING, TELEPHONE WIRING, AND TELEVISION WIRING. ALL FIRE ALARM WIRING TO BE IN CONDUIT.
  6. STUB CONDUIT FROM OUTLET CONTINUOUS TO CABLE TRAY. ROUTE CONDUIT ACROSS CORRIDOR WHERE CABLE TRAY IS ON THE OPPOSITE SIDE OR IN THE CENTER, WHERE CABLE TRAY IS INSTALLED IN OPEN OFFICE AREA. ROUTE CONDUIT DIRECTLY TO CABLE TRAY.
  7. REFERENCE SPECIFICATION SECTION 271001 FOR CABLING REQUIREMENTS. PROVIDE SLACK CABLE SUFFICIENT TO REACH FURTHEST OUTLET IN ROOM.

5 TYPICAL COMMUNICATIONS OUTLET

SCALE: NONE



- NOTES:
1. (3) DATA, (1) PHONE JACK.
  2. SEE SECTION 271001 FOR PLATE AND JACK REQUIREMENTS.
  3. DATA JACKS TO BE IVORY COLOR, PHONE JACKS TO BE BLACK COLOR.
  4. FACEPLATES SHALL BE NUMBERED CLOCKWISE FROM THE DOOR, COLORED ALMOND.
  5. LABEL ALL VOICE AND DATA CABLES AT BOTH ENDS WITH "BLDG # - CLOSET # - PATCH PANEL - PORT # - JACK #".
  6. ALL (4) RJ45 JACKS PROVIDED WITH CATEGORY 5e CABLES.
  7. LABEL ASSOCIATED PATCH PANEL WITH ROOM # - PLATE # - PORT #.
  8. LABEL EACH WALL PLATE JACK WITH "CLOSET ROOM # - PATCH PANEL - PORT #".
  9. VERIFY ALL LABEL CONTENT WITH CONTR.

6 TYPICAL ROOM CONDUIT DIAGRAM

SCALE: NONE